BARD SUMMER RESEARCH INSTITUTE

JUNE 7– JULY 30

Summer 2010

The Bard Summer Research Institute supports campus based summer research by undergraduate students in empirical/quantitative fields - anthropology, biology, chemistry, computer science, economics, mathematics, physics, psychology, and sociology. Faculty propose research projects related to their own research that are appropriate for undergraduates participation and faculty act as mentors for the students. Each student selected to participate in BSRI receives a $2,500 stipend for the eight-week program.

FUNDED PROJECTS

Craig Anderson	Inter and Intra-Molecular C-H Bond Activation to Methyplatinum(II) Species
	Multi-Hetero Nuclear Metal Complexes
Swapan Jain	Binding affinity of a novel guanine analog to xpt riboswitch mRNA
Philip Johns	Genetics and Behavior of Stalk-Eyed Flies
Brooke Jude	Identification and characterization of attachment mechanisms utilized by *Vibrio* aquatic clinical isolates
Gregory Landweber	Supersymmetry, Graphs, and Codes
Keith O'Hara	The Intelligent Mobile Projector
Lauren Rose	Voronoi Diagrams and Delaunay Tessellations
Rebecca Thomas	Generating a Maximally Expressive Limited Word Set
Michael Tibbetts	Biological characterization of a new putative chemotherapeutic drug
	Development of a real-time PCR method for distinguishing between two strains of Anaplasma phagocytophilum in ticks

APPLICATION DEADLINE-Monday, March 29th

Student applications should be submitted via e-mail to Megan Karcher, karcher@bard.edu.
Please include the following information in your e-mail:

- **Name**
- **Current year: first year, sophomore, or junior**
- **Major**
- **Faculty member you wish to work with**
- **Relevant course work**
- **Name and phone number of a Bard professor who could act as a reference** *(other than the one you are interested in working with this summer)*
- **Short paragraph describing why you are interested**

BSRI student application form

Instructions: Email the following to Megan Karcher at karcher@bard.edu. The subject of your email should be 'BSRI student application'. This email is due to Megan Karcher by **Monday, March 22.**

Name:

Current year: first year, sophomore, or junior:

Major:

Faculty member you wish to work with:

Relevant course work:

Name and phone number of a Bard professor who could act as a reference (other than the one you are interested in working with this summer):

Short paragraph describing why you are interested: